

Address: PYRAMID 5 BESA ROAD  
NAGPUR  
INDIA

Mobile phone: 9021114462

Referring doctor: DR ANAMIKA NANDAGAVLI

**Maternal / Pregnancy Characteristics:**

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).

Maternal weight: 52.0 kg; Height: 152.0 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: no; Antiphospholipid syndrome: no; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 15 December 2024

EDD by dates: 21 September 2025

**First Trimester Ultrasound:**

US machine: CANON APLIO A. Visualisation: good.

Gestational age: 11 weeks + 6 days from CRL

EDD by scan: 25 September 2025

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	164 bpm
Crown-rump length (CRL)	53.0 mm
Nuchal translucency (NT)	1.2 mm
Ductus Venosus PI	0.810
Placenta	Right posterior
Amniotic fluid	normal
Cord	3 vessels

**Chromosomal markers:**

Nasal bone: present; Tricuspid Doppler: normal.

**Fetal anatomy:**

Skull/brain: appears normal; Spine: appears normal; Heart: Appears Normal; Abdominal wall: appears normal; Stomach: visible; Bladder / Kidneys: visible; Hands: both visible; Feet: both visible.

Comments: 12 WKS 2 DAY NORMAL FETUS.

Uterine artery PI: 1.14

Endocervical length: 39.0 mm

**Risks / Counselling:**

Patient counselled and consent given.

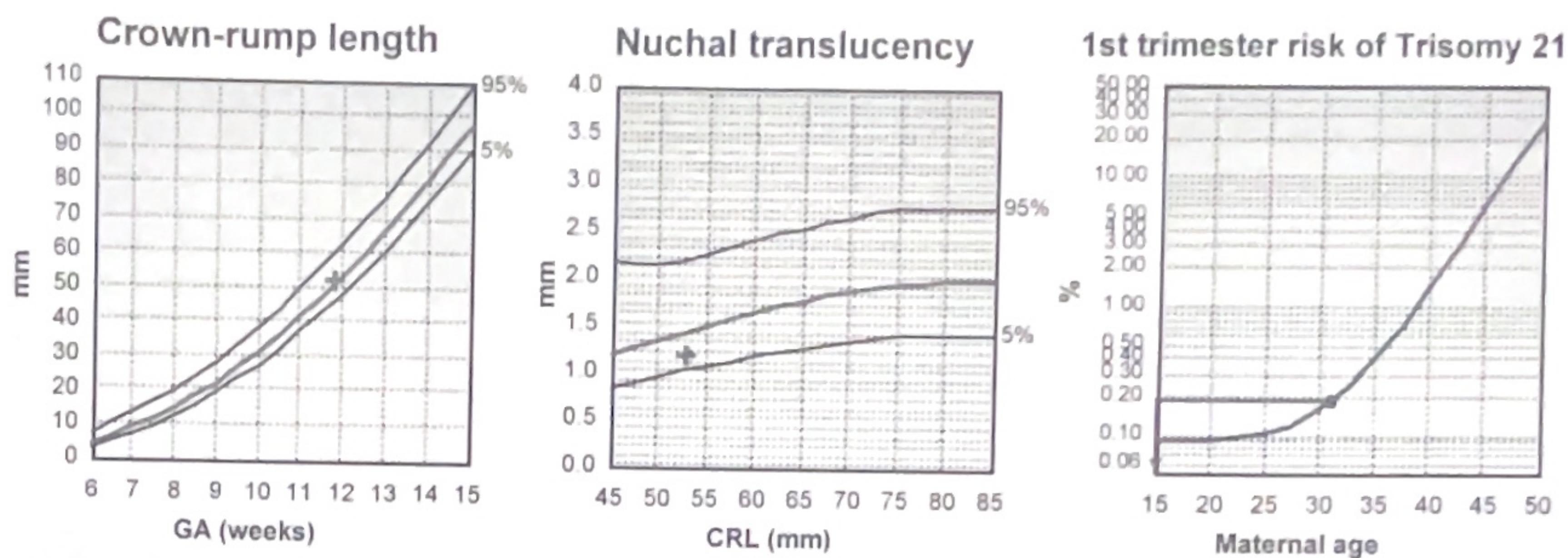
Operator: sandip mahajan, FMF Id: 210083

Condition	Background risk	Adjusted risk
Trisomy 21	1: 486	1: 2428
Trisomy 18	1: 1123	1: 3402
Trisomy 13	1: 3539	<1: 20000

## First Trimester Screening Report

The background risk for aneuploidies is based on maternal age (31 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, fetal heart rate).

The estimated risk is calculated by the FMF-2012 software (version 2.81) and is based on findings from extensive research coordinated by the Fetal Medicine Foundation (UK Registered charity 1037116). The risk is only valid if the ultrasound scan was performed by a sonographer who has been accredited by the Fetal Medicine Foundation and has submitted results for regular audit (see [www.fetalmedicine.com](http://www.fetalmedicine.com)).





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## Crown Rump Length and Nuchal Translucency

[Home](#) > [Calculators](#) >Crown Rump Length and Nuchal Translucency

For the crown rump length (CRL) of 53 mm the predicted gestational age is 12 weeks 0 days. The expected nuchal translucency (NT) is 1.48 mm (50th percentile)

Your measured NT value is 30 percentile for this CRL.

References:

$LN(MA) = 1.684969 + (.315646 \text{ CRL}) - (.049306 \text{ CRL}^2) + (.004057 \text{ CRL}^3) - (.000120456 \text{ CRL}^4)$

Hadlock FP et. al., Fetal crown-rump length: reevaluation of relation to menstrual age (5-18 weeks) with high-resolution real-time US. Radiology. 1992 Feb;182(2):501-5. [PMID: 1732970](#)

NT(mm)= 0.437 + .01969\*CRL SD=.558

Chung JH, et al., The distribution of fetal nuchal translucency thickness in normal Korean fetuses. J Korean Med Sci. 2004 Feb;19(1):32-6. [PMID: 14966338](#)

Enter the CRL and press calculate to obtain the estimated gestational age and expected nuchal translucency thickness. The calculator will also give the percentile for a measured NT if entered for CRL 40 to 85 mm.

Enter crown rump length (CRL) 53 mm

Enter Nuchal translucency ( NT) 1.20 mm

All calculations must be confirmed before use. The suggested results are not a substitute for clinical judgment. Neither Perinatology.com nor any other party involved in the preparation or publication of this site shall be liable for any special, consequential or exemplary

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PATIENT NAME : MRS ASHWINI SANESAR  
REF BY : DR ANAMIKA NANDAGAVALI

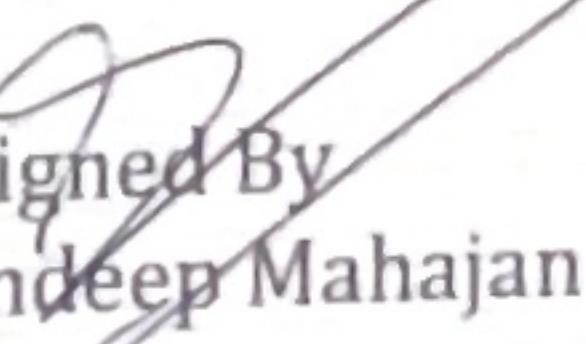
12-MAR-25

NUCHAL TRANSLUCENCY SCAN

- Uterus is enlarge in size and shows single intra uterine fetus
- Single viable fetus and cardiac activity seen
- CRL measures 53 mm corresponds to gestational age of 12 wk 0 days
- BPD, AC, FL correspond to 12 wk 2 days
- Gestation age by LMP is 12 wk 3 days
- Placenta Right Posterior extensive, cord insertion on placenta, cord three vessel
- Both renal artery seen
- Heart four chamber
- Stomach bubble seen
- Both lower and upper limb with both foot and hand seen finger and toe anomaly not possible to demonstrate
- Spine well visualized appears normal
- Anterior abdominal wall intact
- Nuchal translucence is 1.20 mm [ 30<sup>TH</sup> percentile ]
- No evidence of tricuspid regurgitation seen
- Nasal bone seen
- Ductus venous flow is normal
- No evidence of retrochorionic collection seen.
- No evidence of collection seen in cul di sac
- Internal os closed, cx measure 3.9 cm.
- Approximate date of delivery is 22 SEPT 2025
- **Right uterine artery shows diaphragmatic notch**

RT UT ART PI	LT UT ART PI	PERCENTILE	AVERAGE PI	RESULT
1.56	0.72	07	1.14	NORMAL

- I declare that while undergoing ultrasonography/image scanning on patient neither detected nor disclose the sex of foetus to anybody in any manner

  
Signed By  
Dr. Sandeep Mahajan

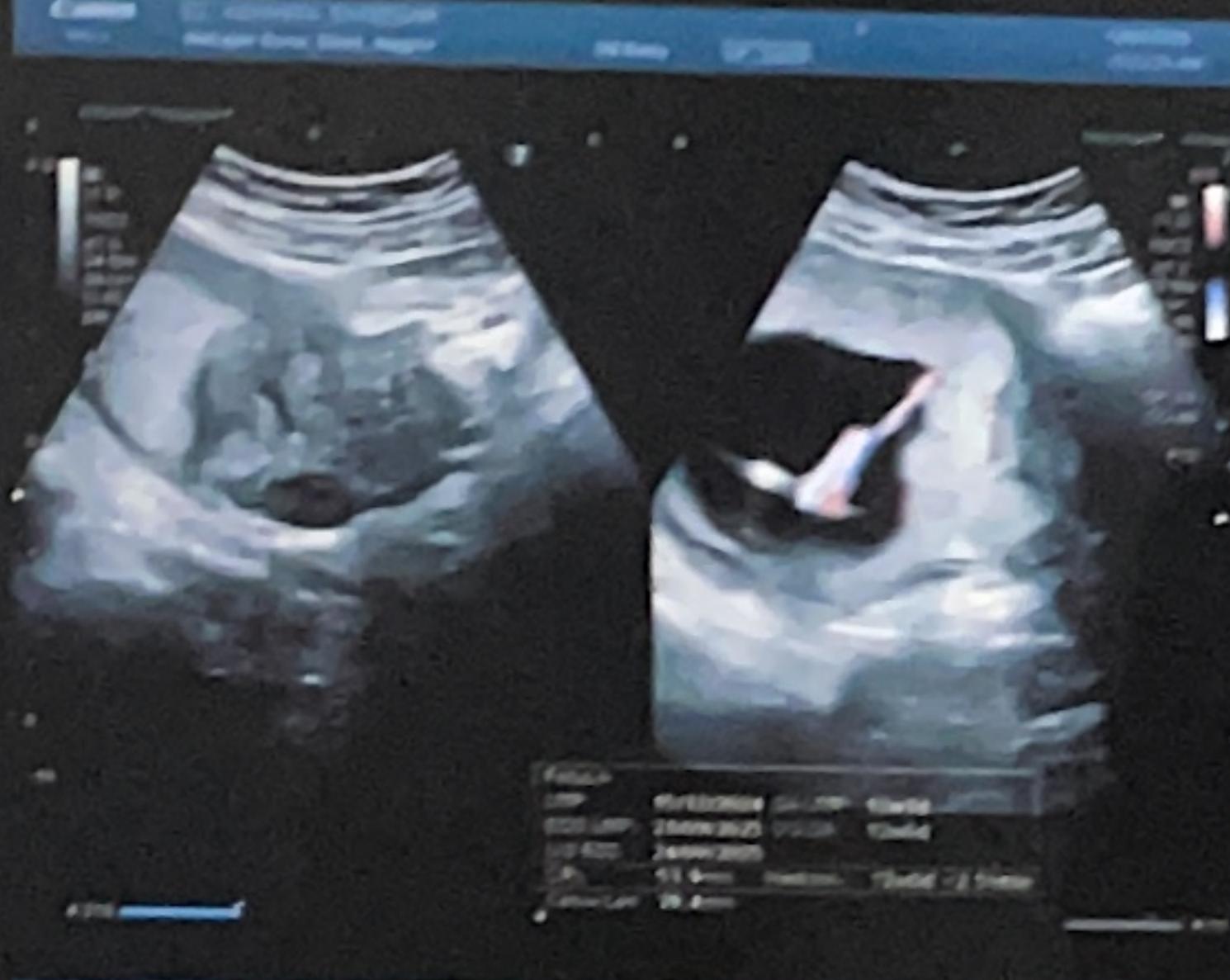
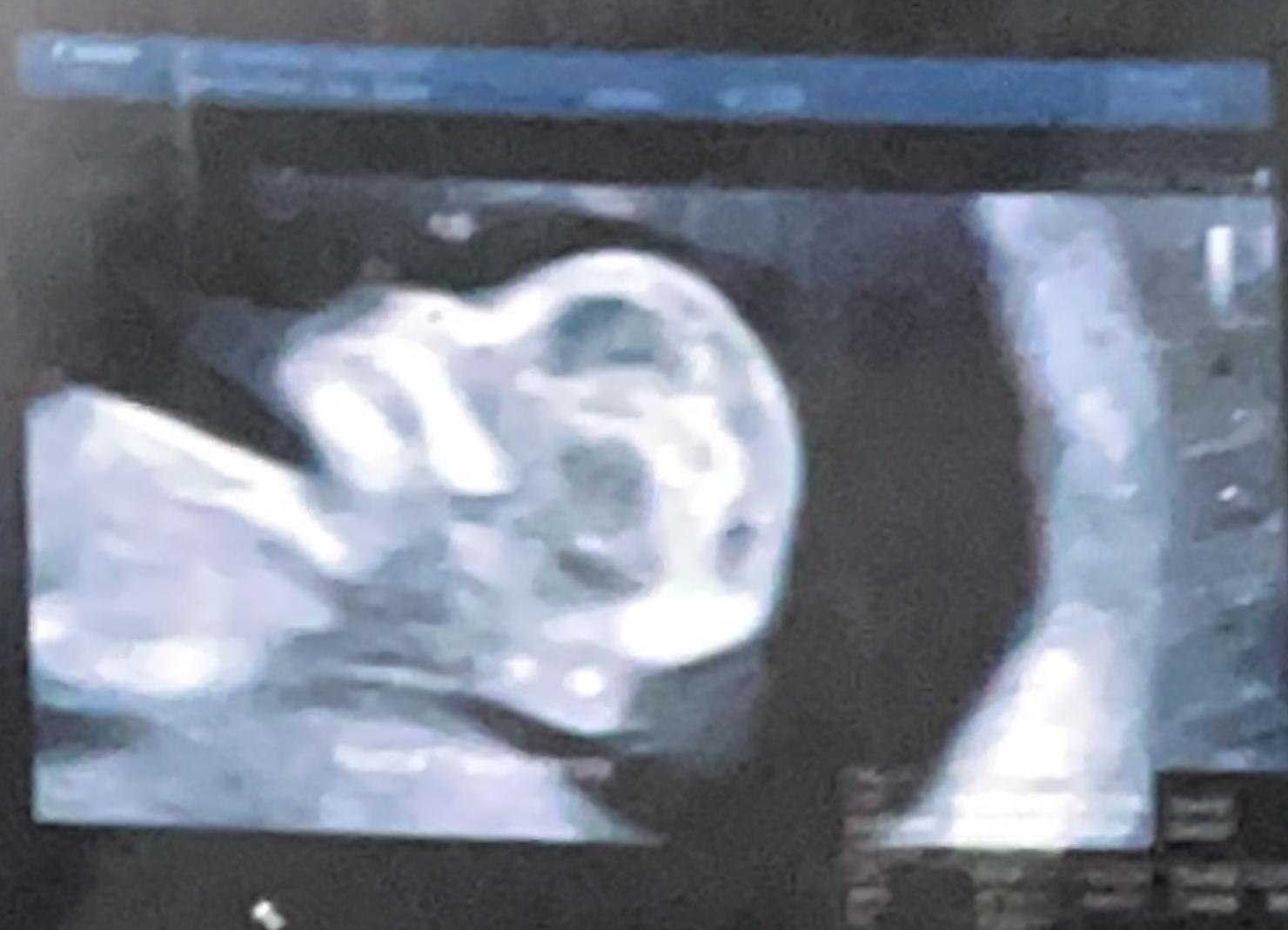
MRN

210083

# MAHAJAN X-RAY & 4D COLOUR DOPPLER CLINIC

12 Mar 2025 Study OB  
Name: ASHVINI BANESAR

Ref by: DR ANAMICA NANDAGANI

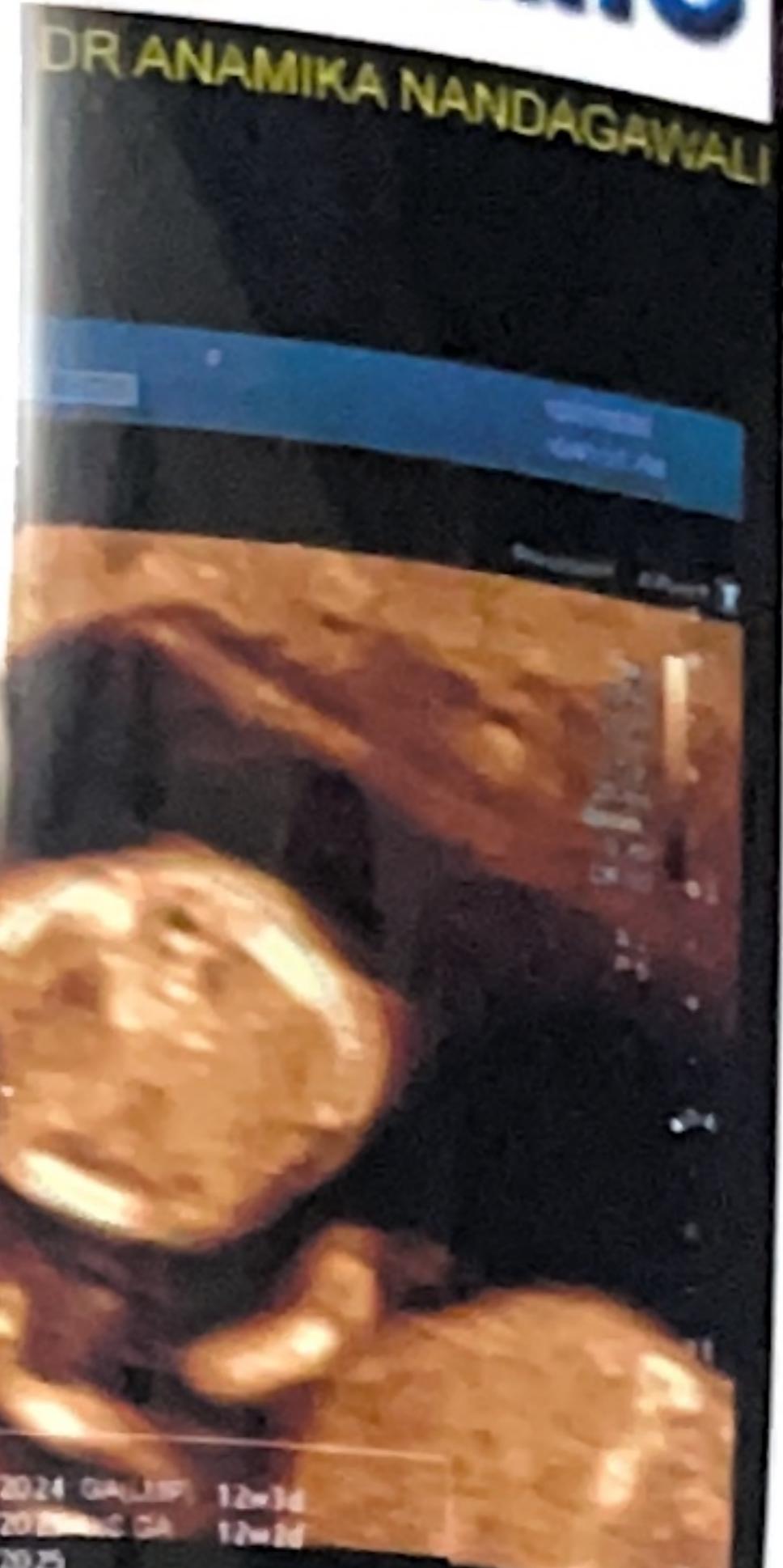
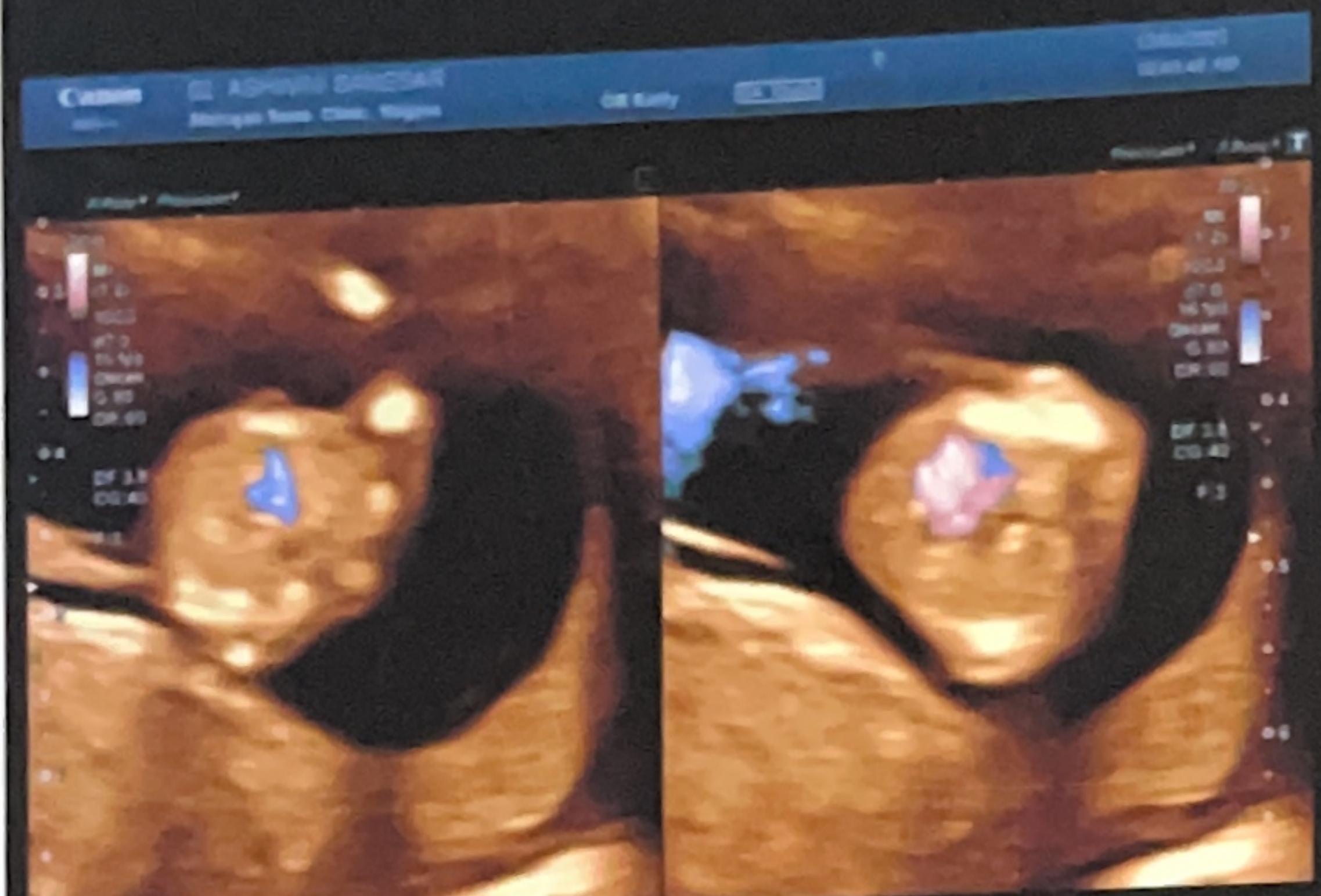


# MAHAJAN X-RAY & 4D COLOUR DOPPLER CLINIC

12 Mar 2025 Study OB  
Name: ASHWINI SANESAR

Ref by

DR ANAMIKA NANDAGAWALI



Fetus A	
LMP	15/12/2024
GA(LMP)	12w3d
EDD(LMP)	21/09/2025
FHR	164 bpm
Rt Uterin A	
PI(Ved)	1.56
RI(Ved)	0.75
Vp	28.6 cm/s
Ved	7.2 cm/s
Vmin	7.1 cm/s
Vm_peak	13.7 cm/s
Vm_mean	6.9 cm/s
S/D	3.97

# 80



Fetus A	
LMP	15/12/2024
GA(LMP)	12w3d
EDD(LMP)	21/09/2025
FHR	164 bpm
Lt Uterin A	
PI(Ved)	0.72
RI(Ved)	0.50
Vp	32.5 cm/s
Ved	16.4 cm/s
Vmin	16.3 cm/s
Vm_peak	22.5 cm/s
Vm_mean	14.0 cm/s
S/D	1.98
Mean Ut A PI	1.14

# 80



Fetus A	
LMP	15/12/2024
GA(LMP)	12w3d
EDD(LMP)	21/09/2025
DV	
S	-27.2 cm/s
D	26.1 cm/s
a	-10.7 cm/s
Vm_peak	-20.2 cm/s
HR	92 bpm
PI/V	0.817
PI/V	0.632
aS	0.393
S/D	2.542

# 65



# 65



GA	12w2d	GA(LMP)	12w3d	LMP	15/12/2024
EDD	22/09/2025	EDD(LMP)	21/09/2025		

M1 164 bpm M2 164 Ave

	M1	M2	M3	Age
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BPD (Hadlock) 17.1 mm 18.3 17.1 12w4d 28%ile 11

AC (Hadlock) 51.3 mm 51.3 51.3 12w1d 49%ile 10

FL (Hadlock) 8.5 mm 8.5 8.5 12w4d 47%ile 11

CRL (Hadlock) 53.9 mm 52.2 53.9 12w0d <2.5%ile 11

NT 1.20 mm 1.20 1.20 13w0d 59%ile 1.8

NB (Sonek) 3.09 mm 3.09 3.09 13w0d 59%ile 1.8

Cervix Len 39.4 mm 39.4 39.4

Ratios

	Ratio	Range
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BPD NOT VALID 71.0 - 87.0

AC NOT VALID